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 SOIL BUILDING PRACTICES AND RATES OF PAYMENT
 U. S. DEPARTMENT OF AGRICULTURE
 EAST CENTRAL REGION BULLETIN NO. 2
 1936

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

1936 AGRICULTURAL CONSERVATION PROGRAM -- East Central Region

Bulletin No. 2

SOIL BUILDING PRACTICES AND RATES OF PAYMENT

Pursuant to the authority vested in the Secretary of Agriculture under Section 8 of the Soil Conservation and Domestic Allotment Act, East Central Region Bulletin No. 1 Revised is hereby supplemented as follows:

Section 1. Practices and Payments. In accordance with the provisions of Section 1 of Part II of East Central Region Bulletin No. 1 Revised, payment will be made, subject to the conditions of the said East Central Region Bulletin No. 1 Revised, for carrying out in 1936 any of the soil building practices listed herein, upon the conditions and at the rates herein specified: PROVIDED, however, That payment will not be made in case labor, seed, trees, or other materials used in connection with any such practice are furnished in whole or in part by any State or Federal agency.

Practice and Conditions	: Payment for each : acre on which prac- : tice is carried out
I. <u>Seeding Legumes:</u>	:
Seeding any of the following crops between January 1, 1936, and October 31, 1936, with or without a nurse crop, either alone or in connection with perennial grasses, provided that such seeding is at a normal rate per acre for the locality.	:
1. Alfalfa, sericea, or kudzu.	: \$2.00
2. Red or mammoth clover.	: \$1.50
3. Alsike, sweet, white, bur, or crimson clover; Austrian winter peas, vetch, annual lespedeza, or crotalaria.	: \$1.00

Practice and Conditions	: Payment for each acre on which practice is carried out
4. Legume mixtures	:
(a) containing more than 50 percent by weight of legumes specified in (1) or (2) above;	: \$1.50
(b) containing 50 percent or more by weight of legumes specified in (3) above.	: \$1.00
II. <u>Growing Green Manure Crops</u>	:
Plowing or discing under as green manure any of the following crops, between the dates specified below for such crop, after the crop has attained at least two months' growth 1/:	:
1. Soybeans, velvet beans, cowpeas, sweet clover, lespedeza, or crotalaria, between July 1, 1936, and October 31, 1936. 2/	: \$1.50

1/ For any crop listed under this practice which in 1936 is produced from a seeding made in 1936 in accordance with the provisions relating to new seedings of legumes under I above, the payment specified under this practice II will be the total payment with respect to such crop notwithstanding the carrying out of the practice indicated under I above.

2/ For crops listed under this paragraph 1 the following alternatives may, in areas where the State Committee finds that such alternatives are in accord with good farming practice, be substituted for plowing or discing under as green manure: Provided, That, in the event such alternatives are used, the payment with respect to such crops will be \$1.00 per acre instead of \$1.50 per acre as specified in this paragraph I.

Alternative No. 1. As a special orchard practice, in the case of soybeans or sweet clover interplanted in orchards, the crop may be cut and left on the land if the entire growth is allowed to remain on the land for cover over the winter.

Alternative No. 2. Any of these crops grown on crop land in 1936 which is not grazed or pastured, or is not harvested for hay or seed, may be left on the land if the entire growth is allowed to remain on the land for cover over the winter.

Practice and Conditions	Payment for each acre on which practice is carried out
2. Crimson clover, Austrian winter peas, or vetch, between March 1, 1936, and June 1, 1936.	:\$1.50
3. Rye, barley, wheat, Italian rye-grass, winter oats, or mixtures of these, between March 1, 1936, and June 1, 1936.	:\$1.00
4. Sudan grass, millet, sorghum, or sowed corn, between July 1, 1936, and October 31, 1936.	:\$1.00
III. <u>Planting Forest Trees.</u>	
Planting forest trees on crop land or non-crop pasture land between January 1, 1936, and October 31, 1936.	:\$5.00
IV. <u>Improving Land by the Use of Ground Limestone.</u>	
Applying between January 1, 1936, and October 31, 1936, ground limestone, or its equivalent $\frac{3}{4}$, on land used in 1936 for the production of any soil conserving crop; or, on which any practice	
3/ Equivalent quantities of other materials may be substituted for the materials specified under IV and V of this Section 1, namely ground limestone, 16 percent superphosphate, and 50 percent muriate of potash: <u>Provided</u> , That the quantities of other materials so substituted contain not less than the quantities, by weight, of calcium or magnesium oxide, phosphoric acid, or potash, respectively, contained in the quantities specified under IV and V of this Section 1, of ground limestone, 16 percent superphosphate, or 50 percent muriate of potash, respectively, except that if ground rock phosphate is substituted for 16 percent superphosphate the quantity of ground rock phosphate so substituted shall be not less than $1\frac{1}{2}$ times the specified quantity of 16 percent superphosphate. For purposes of this Bulletin, 100 pounds of ground oyster shell, 70 pounds of hydrated lime, or 50 pounds of burned lime shall be considered, respectively, to be equivalent to 100 pounds of ground limestone.	

Practice and Conditions	Payment for each acre on which practice is carried out	In the States of Ky., Tenn., of Del., Md., Va., & W. Va. ^{4/} and N. C. ^{4/}
listed under I or II of this Section is carried out; or, on which small grain is seeded between September 1, 1936 and October 31, 1936, where the County Committee finds that such application is made in preparation for carrying out after October 31, 1936, a practice indicated under I or II of this Section 1, in connection with such small grain crop.	: In the States of Ky., Tenn., of Del., Md., Va., & W. Va. ^{4/} and N. C. ^{4/}	
Application Per Acre:		
1. Not less than 1000 pounds	: \$.70	\$1.00
2. Not less than 2000 pounds	: 1.40	2.00
3. Not less than 3000 pounds	: 2.10	3.00
4. Not less than 4000 pounds	: 2.80	4.00
V. Improving Land by the Use of Superphosphate.		
Applying between January 1, 1936 and October 31, 1936, 16 percent superphosphate, or its equivalent ^{3/} , on land used in 1936 for the production of any soil conserving crop, or on which a practice indicated under I or II of this section 1 is carried out.		

^{4/} In designated counties, rates higher than the rates herein specified may be paid upon recommendation by the State Committee and approval by the Secretary.

Practice and Conditions	:Payment for each acre on which prac- tice is carried out
<u>Application Per Acre: 2/</u>	:
1. Not less than 100 pounds	\$.50
2. Not less than 200 pounds	1.00
3. Not less than 300 pounds	1.50
4. Not less than 400 pounds	2.00
5. Not less than 500 pounds	2.50
VI. <u>Control of Water Erosion on Crop Land.</u>	:
In counties designated by the State Committee and approved by the Agricultural Adjustment Administration, building terraces or subsoiling, between January 1, 1936, and October 31, 1936, upon crop land	:
2/ In the States of Delaware, Maryland, Virginia, and North Carolina, in areas designated by the State Committee and approved by the Agricultural Adjustment Administration, the following quantities of 16 percent superphosphate and 50 percent muriate of potash, or their equivalent 3/1, per acre may be substituted for 16 percent superphosphate, and the payment for such quantities will be as follows:	:
1. Not less than 100 pounds of 16 percent superphosphate and 25 pounds of 50 percent muriate of potash.	\$.75
2. Not less than 200 pounds of 16 percent superphosphate and 50 pounds of 50 percent muriate of potash.	\$1.50
3. Not less than 300 pounds of 16 percent superphosphate and 75 pounds of 50 percent muriate of potash.	\$2.25
4. Not less than 400 pounds of 16 percent superphosphate and 100 pounds of 50 percent muriate of potash.	\$3.00

Practice and Conditions	Payment for each acre on which practice is carried out
which the County Committee finds is in need of terracing or subsoiling.	
1. Terracing with a sufficient amount of properly constructed terrace to give adequate protection against erosion.	40 cents per 100 feet of such terrace, not to exceed \$2.00 per acre.
2. Sub-soiling to a depth of at least 18 inches with furrows sufficiently close together to completely break the sub-soil.	\$2.00

Section 2. Manner of Carrying Out Practices. The soil building practices listed under Section 1 hereof shall be carried out in accordance with good farming practice, using such methods and such kinds and quantities of seeds, trees, and other materials as conform to good farming practice. The State Committee of each State, under supervision of the Director of the East Central Division of the Agricultural Adjustment Administration, will issue information applicable to such State regarding the manner of carrying out such soil-building practices and whether the adoption of any such practice on particular types of farms or in particular counties would or would not constitute good farming practice on such farms or in such counties.

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IN TESTIMONY WHEREOF, H. A. Wallace,
Secretary of Agriculture, has hereunto
set his hand and caused the official
seal of the Department of Agriculture
to be affixed in the City of Washington,
District of Columbia, this 1st day
of May, 1936.

H. A. Wallace
Secretary of Agriculture

JUL 29 1936

Issued July 7, 1936

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION
WASHINGTON, D. C.

**1936 AGRICULTURAL CONSERVATION PROGRAM
EAST CENTRAL REGION**

BULLETIN NO. 2

(As amended by Supplement (a), issued July 7, 1936)

SOIL-BUILDING PRACTICES AND RATES OF PAYMENT

Pursuant to the authority vested in the Secretary of Agriculture under section 8 of the Soil Conservation and Domestic Allotment Act, East Central Region Bulletin No. 1, Revised, is hereby supplemented as follows:

SECTION 1. Practices and Payments.—In accordance with the provisions of section 1 of part II of East Central Region Bulletin No. 1, Revised, payment will be made, subject to the conditions of the said East Central Region Bulletin No. 1, Revised, for carrying out in 1936 any of the soil-building practices listed herein, upon the conditions and at the rates herein specified: *Provided, however,* That payment will not be made in case labor, seed, trees, or other materials used in connection with any such practice are furnished in whole or in part by any State or Federal agency.

**PRACTICES AND CONDITIONS—PAYMENTS FOR EACH ACRE ON
WHICH PRACTICE IS CARRIED OUT**

I. SEEDING LEGUMES

Seeding any of the following crops between January 1, 1936, and October 31, 1936, with or without a nurse crop, either alone or in connection with perennial grasses, provided that such seeding is at a normal rate per acre for the locality:

1. Alfalfa, sericea, or kudzu: \$2.
2. Red, or mammoth clover: \$1.50.
3. Alsike, sweet, white, bur, or crimson clover; Austrian winter peas; vetch; annual lespedeza; or crotalaria: \$1.
4. Legume mixtures:
 - (a) Containing more than 50 percent by weight of legumes specified in (1) or (2) above: \$1.50.
 - (b) Containing 50 percent or more by weight of legumes specified in (3) above: \$1.



II. GROWING GREEN MANURE CROPS

Plowing or diskling-under as green manure any of the following crops, between the dates specified below for such crop, after the crop has attained at least 2 months' growth:¹

1. Soybeans, velvet beans, cowpeas, sweet clover, lespedeza, or crotalaria, between July 1, 1936, and October 31, 1936: \$1.50.²
2. Crimson clover, Austrian winter peas, or vetch, between March 1, 1936, and June 1, 1936: \$1.50.
3. Rye, barley, wheat, Italian ryegrass, winter oats, or mixtures of these, between March 1, 1936, and June 1, 1936: \$1.
4. Sudan grass, millet, sorghum, or sowed corn, between July 1, 1936, and October 31, 1936: \$1.

III. PLANTING FOREST TREES

Planting forest trees on crop land or noncrop pasture land between January 1, 1936, and October 31, 1936: \$5.

IV. IMPROVING LAND BY THE USE OF GROUND LIMESTONE

Applying between January 1, 1936, and October 31, 1936, ground limestone, or its equivalent,³ on land used in 1936 for the production of any soil conserving crop; or, in connection with seeding any legume or green manure crop listed under I or II of this section 1; or, on which small grain is seeded between September 1, 1936, and October 31, 1936, where the county committee finds that such application is made in preparation for seeding, in connection with the small grain crop, any legume or green manure crop listed under I or II of this section 1.

APPLICATION PER ACRE:	In the		
	States of	In the	In the
	Ky., Tenn.,	States of	Del., Md.,
	Va., &	W. Va. ⁴	and N. C. ⁴
1. Not less than 1,000 pounds	\$0.70	\$1.00	
2. Not less than 2,000 pounds	1.40	2.00	
3. Not less than 3,000 pounds	2.10	3.00	
4. Not less than 4,000 pounds	2.80	4.00	

¹ For any crop listed under this practice which in 1936 is produced from a seeding made in 1936 in accordance with the provisions relating to new seedings of legumes under practice I above, the payment specified under this practice II will be the total payment with respect to such crop notwithstanding the carrying out of the practice indicated under practice I above.

² For crops listed under this paragraph 1 the following alternatives may, in areas where the State committee finds that such alternatives are in accord with good farming practice, be substituted for plowing or diskling-under as green manure: *Provided*, That, in the event such alternatives are used, the payment with respect to such crops will be \$1 per acre instead of \$1.50 per acre as specified in this paragraph 1.

Alternative No. 1.—As a special orchard practice, in the case of soybeans or sweet clover interplanted in orchards, the crop may be cut and left on the land if the entire growth is allowed to remain on the land for cover over the winter.

Alternative No. 2.—Any of these crops grown on crop land in 1936 which is not grazed or pastured, or is not harvested for hay or seed, may be left on the land if the entire growth is allowed to remain on the land for cover over the winter.

³ Equivalent quantities of other materials may be substituted for the materials specified under IV and V of this section 1, namely ground limestone, 16-percent superphosphate, and 50-percent muriate of potash: *Provided*, That the quantities of other materials so substituted contain not less than the quantities, by weight, of calcium or magnesium oxide, phosphoric acid, or potash, respectively, contained in the quantities specified under IV and V of this section 1, of ground limestone, 16-percent superphosphate, or 50-percent muriate of potash, respectively, except that if ground rock phosphate is substituted for 16-percent superphosphate, the quantity of ground rock phosphate so substituted shall be not less than 1½ times the specified quantity of 16-percent superphosphate.

For purposes of this Bulletin, 100 pounds of ground oyster shell, 70 pounds of hydrated lime, or 50 pounds of burned lime shall be considered, respectively, to be equivalent to 100 pounds of ground limestone.

⁴ In designated counties, rates higher than the rates herein specified may be paid upon recommendation by the State committee and approval by the Secretary.

V. IMPROVING LAND BY THE USE OF SUPERPHOSPHATE

Applying between January 1, 1936, and October 31, 1936, 16 percent superphosphate, or its equivalent,³ on land used in 1936 for the production of any soil conserving crop, or in connection with seeding any legume or green manure crop listed under I or II of this section 1.

APPLICATION PER ACRE:⁴

1. Not less than 100 pounds, \$0.50.
2. Not less than 200 pounds, \$1.00.
3. Not less than 300 pounds, \$1.50.
4. Not less than 400 pounds, \$2.00.
5. Not less than 500 pounds, \$2.50.

VI. CONTROL OF WATER EROSION ON CROP LAND

In counties designated by the State committee and approved by the Agricultural Adjustment Administration, building terraces or subsoiling, between January 1, 1936, and October 31, 1936, upon crop land which the county committee finds is in need of terracing or subsoiling.

1. Terracing with a sufficient amount of properly constructed terrace to give adequate protection against erosion: 40 cents per 100 feet of such terrace, not to exceed \$2 per acre.
2. Subsoiling to a depth of at least 18 inches with furrows sufficiently close together to completely break the subsoil: \$2.

VII. SEEDING PERENNIAL GRASSES

Seeding any of the following crops between January 1, 1936, and October 31, 1936, with or without a nurse crop, provided that such seeding is at a normal rate per acre for the locality:

1. Bluegrass: \$2.
2. Orchard grass, or permanent pasture mixtures of grasses or of grasses and legumes, at least 40 percent bluegrass: \$1.50.
3. Permanent pasture mixtures of grasses or of grasses and legumes, at least 40 percent orchard grass: \$1.25.
4. Redtop, or permanent pasture mixtures of grasses or of grasses and legumes, at least 40 percent redtop: \$0.75.

SECTION 2. MANNER OF CARRYING OUT PRACTICES.—The soil-building practices listed under section 1 hereof shall be carried out in accordance with good farming practice, using such methods and such kinds and quantities of seeds, trees, and other materials as conform to good farming practice. The State committee of each State, under supervision of the Director of the East Central Division of the Agricultural Adjustment Administration, will issue information applicable to such State regarding the manner of carrying out such soil-building practices and whether the adoption of any such practice on

³ See footnote 3 on page 2.

⁴ In the States of Delaware, Maryland, Virginia, and North Carolina, in areas designated by the State committee and approved by the Agricultural Adjustment Administration, the following quantities of 16-percent superphosphate and 50-percent muriate of potash, or their equivalent (see footnote 3) per acre may be substituted for 16-percent superphosphate, and the payment for such quantities will be as follows:

1. Not less than 100 pounds of 16-percent superphosphate and 25 pounds of 50-percent muriate of potash: \$0.75.
2. Not less than 200 pounds of 16-percent superphosphate and 50 pounds of 50-percent muriate of potash: \$1.50.
3. Not less than 300 pounds of 16-percent superphosphate and 75 pounds of 50-percent muriate of potash: \$2.25.
4. Not less than 400 pounds of 16-percent superphosphate and 100 pounds of 50-percent muriate of potash: \$3.

particular types of farms or in particular counties would or would not constitute good farming practice on such farms or in such counties.



IN TESTIMONY WHEREOF, H. A. WALLACE, Secretary of Agriculture, has hereunto set his hand and caused the official seal of the Department of Agriculture to be affixed in the city of Washington, District of Columbia, this 1st day of May 1936.

H. A. Wallace

Secretary of Agriculture.

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ECR-B-2 - Supplement (b)

Issued October 7, 1936.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL ADJUSTMENT ADMINISTRATION

1936 Agricultural Conservation Program - East Central Region

Bulletin No. 2 -- Supplement (b)

IMPROVING LAND BY THE USE OF SUPERPHOSPHATE

Part V of section 1 of East Central Region Bulletin No. 2 is hereby amended to read as follows:

Applying between January 1, 1936, and October 31, 1936, 16 percent superphosphate, or its equivalent $\frac{3}{4}$, on land used in 1936 for the production of any soil conserving crop, or in connection with seeding any legume, perennial grass, or green manure crop listed under I, II or VII of this section 1.

APPLICATION PER ACRE 5/:

1. Not less than 100 pounds, \$0.50.
2. Not less than 200 pounds, \$1.00.
3. Not less than 300 pounds, \$1.50.
4. Not less than 400 pounds, \$2.00.
5. Not less than 500 pounds, \$2.50.

IN TESTIMONY WHEREOF, H. A. Wallace, Secretary of Agriculture, has hereunto set his hand and caused the official seal of the Department of Agriculture to be affixed in the City of Washington, District of Columbia, this 7th day of October, 1936.

[SEAL]

H. A. Wallace

Secretary of Agriculture.

